Application No.	Applicant(s)	
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Examiner	Art Unit	
William C. Doerrler	3744	
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EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Marcella Watkins on 1-15-2005.

The application has been amended as follows: In line 1 of claim 18, change "claim 17" to --claim 15--.

The following is an examiner's statement of reasons for allowance: The prior art fails to show or fairly teach a system which heats a feed of LNG using an overhead stream to condense a portion of the overhead stream, which is separated into a vapor and liquid, and then a second heat exchanger for exchanging heat between the heated LNG and the vapor from the separator. Marshall is probably the closest prior art. Marshall shows a heat exchanger 18 to heat an LNG stream using an overhead stream and a second heat exchanger 38 for the vapor separated from the partially condensed overhead stream as well as a further heat exchanger for the heated LNG. However, one of ordinary skill in the art would not be led to use the heated natural gas from the first heat exchanger to transfer heat with the vapor stream in heat exchanger 38, since heat exchanger 38 is disclosed as heating the vapor so work can be derived in a turbine. The LNG feed cannot perform this function, without destroying the desired

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function of heat exchanger 38. McCartney shows a system for treating LNG using overhead vapors from a column for heat exchange, but does not show a second heat exchanger for the heated LNG feed and a portion of the overhead stream. Grgurich, like Marshall, shows multiple heat exchangers for the inlet LNG stream as well as a heat exchanger for the separated vapor from the heat exchanged overhead stream, but never shows or teaches the heated LNG in heat exchange with the separated vapor.

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to William C. Doerrler whose telephone number is (571) 272-4807. The examiner can normally be reached on Monday-Friday 6:30-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Cheryl Tyler can be reached on (571) 272-4834. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

William C Doerrier Primary Examiner

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